

Page 128, line 18, after “monomer,” insert --(SEQ ID NO: 2115)--.

Page 131, line 5, after “#426 (D8)” insert --(SEQ ID NO: 2613)--;
line 8, after “#429 (D8-6-D8)” insert --(SEQ ID NO: 2614)--;
line 12, after “#459 (short flag RB6)” insert --(SEQ ID NO: 2615)--;
line 15, after “#430 (H2C-4-RB6)” insert --(SEQ ID NO: 2616)--;
line 19, after “#464 (H2C)” insert --(SEQ ID NO: 2617)--;
line 22, after “#446 (F8)” insert --(SEQ ID NO: 2618)--;
line 25, after “#431 (H2C-6-F8)” insert --(SEQ ID NO: 2619)--;
line 29, after “#433 (H2C-9-F8)” insert --(SEQ ID NO: 2620)--;
line 33, after “#432 (H2C-12-F8)” insert --(SEQ ID NO: 2621)--;
line 37, after “#452 (G3)” insert --(SEQ ID NO: 2622)--;
line 40, after “#427 (G3-6-G3)” insert --(SEQ ID NO: 2623)--.

Page 132, line 1, after “#428 (G3-12-G3)” insert --(SEQ ID NO: 2624)--;
line 6, after “#434 (G3-12-G3)” insert --(SEQ ID NO: 2625)--;
line 10, after “#437 (H2C)” insert --(SEQ ID NO: 2626)--;
line 14, after “#463 (H2C-3-H2C)” insert --(SEQ ID NO: 2627)--;
line 18, after “#435 (H2C-3-H2C-H2C)” insert --(SEQ ID NO: 2628)--;
line 22, after “#439 (H2C-6-H2C)” insert --(SEQ ID NO: 2629)--;
line 26, after “#436 (H2C-9-H2C)” insert --(SEQ ID NO: 2630)--;
line 30, after “#449 (H2C-12-H2C)” insert --(SEQ ID NO: 2631)--;
line 34, after “MBP*” insert --(SEQ ID NO: 2632)--.

Page 134, line 20, after “20E2” insert --(SEQ ID NO: 2116)--.

Page 138, line 4, after “20E2” insert --(SEQ ID NO: 2116)--.

IN THE CLAIMS

Claim 8, line 2, after “comprising” insert --(SEQ ID NO: 2411)--.

Claim 9, line 2, after “comprising” insert --(SEQ ID NO: 2412)--.

Claim 10, line 1, after “sequence” insert --(SEQ ID NO: 2633)--;
line 3, after “comprising” insert --(SEQ ID NO: 2634)--.

Claim 11, line 1, after “is” insert --(SEQ ID NO: 2635)--.

Claim 18, line 3, after “is” insert --(SEQ ID NO: 2636)--.

Claim 20, line 2, after “of” insert --(SEQ ID NOS 2115, 2111, 2163 & 1870, respectively, in order of appearance)--.

Claim 21, line 3, after “NH₂” insert --(SEQ ID NO: 2447)--;
line 4, after “NH₂” insert --(SEQ ID NO: 2448)--;
line 5, after “NH₂” insert --(SEQ ID NO: 2449)--;
line 6, after “NH₂” insert --(SEQ ID NO: 2450)--;
line 7, after “NH₂” insert --(SEQ ID NO: 2451)--;
line 8, after “NH₂” insert --(SEQ ID NO: 2452)--;
line 9, after “NH₂” insert --(SEQ ID NO: 2453)--;
line 10, after “NH₂” insert --(SEQ ID NO: 2454)--;
line 11, after “NH₂” insert --(SEQ ID NO: 2455)--;
line 12, after the sequence ending in “vskk” insert --(SEQ ID NO: 2456)--;
line 13, after the sequence ending in “VSEE” insert --(SEQ ID NO: 2457)--;
line 14, after the sequence ending in “VSKK” insert --(SEQ ID NO: 2458)--;
line 15, after the sequence ending in “SLAK” insert --(SEQ ID NO: 2459)--;
line 16, after the sequence ending in “ELLS” insert --(SEQ ID NO: 2460)--;
line 17, after the sequence ending in “LAKK” insert --(SEQ ID NO: 2461)--;
line 18, after the sequence ending in “SLLK” insert --(SEQ ID NO: 2462)--;
line 19, after the sequence ending in “LSSK” insert --(SEQ ID NO: 2463)--;
line 20, after the sequence ending in “KLLK” insert --(SEQ ID NO: 2464)--;
line 21, after the sequence ending in “KLFK” insert --(SEQ ID NO: 2465)--;
line 22, after the sequence ending in “LIKK” insert --(SEQ ID NO: 2466)--;
line 23, after the sequence ending in “LLKK” insert --(SEQ ID NO: 2467)--;

line 24, after the sequence ending in "ILLK" insert --(SEQ ID NO: 2468)--;
 line 25, after the sequence ending in "QGLD" insert --(SEQ ID NO: 2469)--;
 line 26, after the sequence ending in "(D117)" insert --(SEQ ID NO: 2470)--;
 line 27, after the sequence ending in "MLLS" insert --(SEQ ID NO: 2471)--;
 line 28, after the sequence ending in "-NH₂" insert --(SEQ ID NO: 2472)--;
 line 29, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2473)--;
 line 30, after the sequence ending in "(D117)" insert --(SEQ ID NO: 2474)--;
 line 31, after the sequence ending in "(D117)" insert --(SEQ ID NO: 2475)--;
 line 32, after the sequence ending in "(b-Ala-D117)" insert --(SEQ ID NO: 2476)--;
 line 33, after the sequence ending in "(Gly-D117)" insert --(SEQ ID NO: 2477)--;
 line 34, after the sequence ending in "(b-Ala-D117)" insert --(SEQ ID NO: 2478)--;
 line 35, after the sequence ending in "(D117)" insert --(SEQ ID NO: 2479)--;
 line 36, after the sequence ending in "(D117)" insert --(SEQ ID NO: 2480)--;
 line 37, after the sequence ending in "(b-Ala-D117)" insert --(SEQ ID NO: 2481)--;
 line 38, after the sequence ending in "(b-ala-D117)" insert --(SEQ ID NO: 2482)--;
 line 39, after the sequence ending in "-D117)₂" insert --(SEQ ID NO: 2483)--;
 line 40, after the sequence ending in "RQVS" insert --(SEQ ID NO: 2484)--;
 line 41, after the sequence ending in "QVSK" insert --(SEQ ID NO: 2485)--;
 line 42, after the sequence ending in "QVSK" insert --(SEQ ID NO: 2486)--;
 line 43, after the sequence ending in "VVSK" insert --(SEQ ID NO: 2487)--;
 line 44, after the sequence ending in "FVSK" insert --(SEQ ID NO: 2488)--;
 line 45, after the sequence ending in "WVVK" insert --(SEQ ID NO: 2489)--;
 line 46, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2490)--;
 line 47, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2491)--;
 line 48, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2160)--;
 line 49, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2492)--;
 line 50, after the sequence ending in "(D117)₂-12" insert --(SEQ ID NO: 2493)--;
 line 51, after the sequence ending in "-D117)₂" insert --(SEQ ID NO: 2494)--;
 line 52, after the sequence ending in "-D117" insert --(SEQ ID NO: 2495)--;
 line 53, after the sequence ending in "(D117)₂-14" insert --(SEQ ID NO: 2496)--;
 line 54, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2461)--;
 line 55, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2462)--;
 line 56, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2463)--;

line 57, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2464)--;
line 58, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2465)--;
line 59, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2466)--;
line 60, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2467)--;
line 61, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2497)--;
line 62, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2498)--;
line 63, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2499)--;
line 64, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2500)--;
line 65, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2501)--;
line 66, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2502)--;
line 67, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2503)--;
line 68, after the sequence ending in "Lig" insert --(SEQ ID NO: 2504)--;
line 69, after the sequence ending in "WNCG" insert --(SEQ ID NO: 2505)--;
line 70, after the sequence ending in "Lig" insert --(SEQ ID NO: 2506)--;
line 71, after the sequence ending in "Lig" insert --(SEQ ID NO: 2507)--;
line 72, after the sequence ending in "ELLS" insert --(SEQ ID NO: 2508)--;
line 73, after the sequence ending in "Lig" insert --(SEQ ID NO: 2509)--;
line 74, after the sequence ending in "Lig" insert --(SEQ ID NO: 2510)--;
line 75, after the sequence ending in "Lig" insert --(SEQ ID NO: 2511)--;
line 76, after the sequence ending in "Lig" insert --(SEQ ID NO: 2512)--;
line 77, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2513)--;
line 78, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2514)--;
line 79, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2515)--;
line 80, after the sequence ending in "-Lig)₂-14" insert --(SEQ ID NO: 2516)--;
line 81, after the sequence ending in "-Lig)₂-14" insert --(SEQ ID NO: 2517)--;
line 82, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2518)--;
line 83, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2519)--;
line 84, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2520)--;
line 85, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2521)--;
line 86, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2522)--;
line 87, after the sequence ending in "YGTG" insert --(SEQ ID NO: 2523)--;
line 88, after the sequence ending in "QCSG" insert --(SEQ ID NO: 2524)--;
line 89, after the sequence ending in "ECPS" insert --(SEQ ID NO: 2525)--;

line 90, after the sequence ending in "D117" insert --(SEQ ID NO: 2526)--;
line 91, after the sequence ending in "D117)₂" insert --(SEQ ID NO: 2527)--;
line 92, after the sequence ending in "(S212)" insert --(SEQ ID NO: 2528)--;
line 93, after the sequence ending in "(S212)" insert --(SEQ ID NO: 2529)--;
line 94, after the sequence ending in "-14" insert --(SEQ ID NO: 2530)--;
line 95, after the sequence ending in "-14" insert --(SEQ ID NO: 2531)--;
line 96, after the sequence ending in "(S210)" insert --(SEQ ID NO: 2532)--;
line 97, after the sequence ending in "AELG" insert --(SEQ ID NO: 2533)--;
line 98, after the sequence ending in "AELG" insert --(SEQ ID NO: 2534)--;
line 99, after the sequence ending in "AELG" insert --(SEQ ID NO: 2535)--;
line 100, after the sequence ending in "AELG" insert --(SEQ ID NO: 2536)--;
line 101, after the sequence ending in "AELG" insert --(SEQ ID NO: 2537)--;
line 102, after the sequence ending in "AELG" insert --(SEQ ID NO: 2538)--;
line 103, after the sequence ending in "AELG" insert --(SEQ ID NO: 2539)--;
line 104, after the sequence ending in "AELG" insert --(SEQ ID NO: 2540)--;
line 105, after the sequence ending in "AELG" insert --(SEQ ID NO: 2541)--;
line 106, after the sequence ending in "AELG" insert --(SEQ ID NO: 2542)--;
line 107, after the sequence ending in "Lig" insert --(SEQ ID NO: 2543)--;
line 108, after the sequence ending in "AELG" insert --(SEQ ID NO: 2544)--;
line 109, after the sequence ending in "(S131)" insert --(SEQ ID NO: 2545)--;
line 110, after the sequence ending in "(S209)" insert --(SEQ ID NO: 2546)--;
line 111, after the sequence ending in "VAEL" insert --(SEQ ID NO: 2547)--;
line 112, after the sequence ending in "FVAE" insert --(SEQ ID NO: 2548)--;
line 113, after the sequence ending in "WFVA" insert --(SEQ ID NO: 2549)--;
line 114, after the sequence ending in "DWFV" insert --(SEQ ID NO: 2550)--;
line 115, after the sequence ending in "Lig)₂" insert --(SEQ ID NO: 2551)--;
line 116 , after the sequence ending in "-14" insert --(SEQ ID NO: 2552)--;
line 117, after the sequence ending in "AELG)" insert --(SEQ ID NO: 2553)--;
line 118, after the sequence ending in "-14" insert --(SEQ ID NO: 2554)--;
line 119, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2555)--;
line 120, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2172)--;
line 121, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2173)--;
line 122, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2174)--;

line 123, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2556)--;
line 124, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2557)--;
line 125, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2558)--;
line 126, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2559)--;
line 127, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2171)--;
line 128, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2560)--;
line 129, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2561)--;
line 130, after the sequence ending in "NCG)₂" insert --(SEQ ID NO: 2562)--;
line 131, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2563)--;
line 132, after the sequence ending in "S209" insert --(SEQ ID NO: 2564)--;
line 133, after the sequence ending in "S210" insert --(SEQ ID NO: 2565)--;
line 134, after the sequence ending in "S210" insert --(SEQ ID NO: 2566)--;
line 135, after the sequence ending in "204" insert --(SEQ ID NO: 2567)--;
line 136, after the sequence ending in "S204" insert --(SEQ ID NO: 2568)--;
line 137, after the sequence ending in "NH₂" insert --(SEQ ID NO: 246)--;
line 138, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2569)--;
line 139, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2570)--;
line 140, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2571)--;
line 141, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2572)--;
line 142, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2573)--;
line 143, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2574)--;
line 144, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2575)--;
line 145, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2576)--;
line 146, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2577)--;
line 147, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2578)--;
line 148, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2579)--;
line 149, after the sequence ending in "-7" insert --(SEQ ID NO: 2580)--;
line 150, after the sequence ending in "-9" insert --(SEQ ID NO: 2581)--;
line 151, after the sequence ending in "-12" insert --(SEQ ID NO: 2582)--;
line 152, after the sequence ending in "-13" insert --(SEQ ID NO: 2583)--;
line 153, after the sequence ending in "Lig" insert --(SEQ ID NO: 2584)--;
line 154, after the sequence ending in "VAEL" insert --(SEQ ID NO: 2585)--;
line 155, after the sequence ending in "-9" insert --(SEQ ID NO: 2586)--;

line 156, after the sequence ending in “-9” insert --(SEQ ID NO: 2587)--;
line 157, after the sequence ending in “KKKK” insert --(SEQ ID NO: 2588)--;
line 158, after the sequence ending in “Lig” insert --(SEQ ID NO: 2589)--;
line 159, after the sequence ending in “-14” insert --(SEQ ID NO: 2590)--;
line 160, after the sequence ending in “-14” insert --(SEQ ID NO: 2591)--;
line 161, after the sequence ending in “E-L-L-S” insert --(SEQ ID NO: 2592)--;
line 162, after the sequence ending in “-Aib” insert --(SEQ ID NO: 2593)--;
line 163, after the sequence ending in “-Aib” insert --(SEQ ID NO: 2594)--;
line 164, after the sequence ending in “-Aib” insert --(SEQ ID NO: 2595)--;
line 165, after the sequence ending in “NH₂” insert --(SEQ ID NO: 2596)--.

Claim 32, line 2, after “comprising” insert --(SEQ ID NO: 2411)--.

Claim 33, line 2, after “comprising” insert --(SEQ ID NO: 2412)--.

Claim 34, line 2, after “sequence” insert --(SEQ ID NO: 2633)--;
line 3, after “comprising” insert --(SEQ ID NO: 2634)--.

Claim 35, line 2, after “comprises” insert --(SEQ ID NO: 2635)--.

Claim 44, line 2, after “of” insert --(SEQ ID NOS 2115, 2111, 2163 & 1870, respectively, in order of appearance)--.

Claim 45, line 2, after “comprises” insert --(SEQ ID NO: 2115)--.

Claim 46, line 3, after “NH₂” insert --(SEQ ID NO: 2447)--;
line 4, after “NH₂” insert --(SEQ ID NO: 2448)--;
line 5, after “NH₂” insert --(SEQ ID NO: 2449)--;
line 6, after “NH₂” insert --(SEQ ID NO: 2450)--;
line 7, after “NH₂” insert --(SEQ ID NO: 2451)--;
line 8, after “NH₂” insert --(SEQ ID NO: 2452)--;
line 9, after “NH₂” insert --(SEQ ID NO: 2453)--;
line 10, after “NH₂” insert --(SEQ ID NO: 2454)--;

line 11, after "NH₂" insert --(SEQ ID NO: 2455)--;
 line 12, after the sequence ending in "vskk" insert --(SEQ ID NO: 2456)--;
 line 13, after the sequence ending in "VSEE" insert --(SEQ ID NO: 2457)--;
 line 14, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2458)--;
 line 15, after the sequence ending in "SLAK" insert --(SEQ ID NO: 2459)--;
 line 16, after the sequence ending in "ELLS" insert --(SEQ ID NO: 2460)--;
 line 17, after the sequence ending in "LAKK" insert --(SEQ ID NO: 2461)--;
 line 18, after the sequence ending in "SLLK" insert --(SEQ ID NO: 2462)--;
 line 19, after the sequence ending in "LSSK" insert --(SEQ ID NO: 2463)--;
 line 20, after the sequence ending in "KLLK" insert --(SEQ ID NO: 2464)--;
 line 21, after the sequence ending in "KLFK" insert --(SEQ ID NO: 2465)--;
 line 22, after the sequence ending in "LIKK" insert --(SEQ ID NO: 2466)--;
 line 23, after the sequence ending in "LLKK" insert --(SEQ ID NO: 2467)--;
 line 24, after the sequence ending in "ILLK" insert --(SEQ ID NO: 2468)--;
 line 25, after the sequence ending in "QGLD" insert --(SEQ ID NO: 2469)--;
 line 26, after the sequence ending in "(D117)" insert --(SEQ ID NO: 2470)--;
 line 27, after the sequence ending in "MLLS" insert --(SEQ ID NO: 2471)--;
 line 28, after the sequence ending in "-NH₂)" insert --(SEQ ID NO: 2472)--;
 line 29, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2473)--;
 line 30, after the sequence ending in "(D117)" insert --(SEQ ID NO: 2474)--;
 line 31, after the sequence ending in "(D117)" insert --(SEQ ID NO: 2475)--;
 line 32, after the sequence ending in "(b-Ala-D117)" insert --(SEQ ID NO: 2476)--;
 line 33, after the sequence ending in "(Gly-D117)" insert --(SEQ ID NO: 2477)--;
 line 34, after the sequence ending in "(b-Ala-D117)" insert --(SEQ ID NO: 2478)--;
 line 35, after the sequence ending in "(D117)" insert --(SEQ ID NO: 2479)--;
 line 36, after the sequence ending in "(D117)" insert --(SEQ ID NO: 2480)--;
 line 37, after the sequence ending in "(b-Ala-D117)" insert --(SEQ ID NO: 2481)--;
 line 38, after the sequence ending in "(b-ala-D117)" insert --(SEQ ID NO: 2482)--;
 line 39, after the sequence ending in "-D117)₂" insert --(SEQ ID NO: 2483)--;
 line 40, after the sequence ending in "RQVS" insert --(SEQ ID NO: 2484)--;
 line 41, after the sequence ending in "QVSK" insert --(SEQ ID NO: 2485)--;
 line 42, after the sequence ending in "QVSK" insert --(SEQ ID NO: 2486)--;
 line 43, after the sequence ending in "VVSK" insert --(SEQ ID NO: 2487)--;

line 44, after the sequence ending in "FVSK" insert --(SEQ ID NO: 2488)--;
line 45, after the sequence ending in "WFKV" insert --(SEQ ID NO: 2489)--;
line 46, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2490)--;
line 47, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2491)--;
line 48, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2160)--;
line 49, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2492)--;
line 50, after the sequence ending in "(D117)₂-12" insert --(SEQ ID NO: 2493)--;
line 51, after the sequence ending in "-D117)₂" insert --(SEQ ID NO: 2494)--;
line 52, after the sequence ending in "-D117" insert --(SEQ ID NO: 2495)--;
line 53, after the sequence ending in "(D117)₂-14" insert --(SEQ ID NO: 2496)--;
line 54, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2461)--;
line 55, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2462)--;
line 56, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2463)--;
line 57, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2464)--;
line 58, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2465)--;
line 59, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2466)--;
line 60, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2467)--;
line 61, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2497)--;
line 62, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2498)--;
line 63, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2499)--;
line 64, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2500)--;
line 65, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2501)--;
line 66, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2502)--;
line 67, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2503)--;
line 68, after the sequence ending in "Lig" insert --(SEQ ID NO: 2504)--;
line 69, after the sequence ending in "WNCG" insert --(SEQ ID NO: 2505)--;
line 70, after the sequence ending in "Lig" insert --(SEQ ID NO: 2506)--;
line 71, after the sequence ending in "Lig" insert --(SEQ ID NO: 2507)--;
line 72, after the sequence ending in "ELLS" insert --(SEQ ID NO: 2508)--;
line 73, after the sequence ending in "Lig" insert --(SEQ ID NO: 2509)--;
line 74, after the sequence ending in "Lig" insert --(SEQ ID NO: 2510)--;
line 75, after the sequence ending in "Lig" insert --(SEQ ID NO: 2511)--;
line 76, after the sequence ending in "Lig" insert --(SEQ ID NO: 2512)--;

line 77, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2513)--;
line 78, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2514)--;
line 79, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2515)--;
line 80, after the sequence ending in "-Lig)₂-14" insert --(SEQ ID NO: 2516)--;
line 81, after the sequence ending in "-Lig)₂-14" insert --(SEQ ID NO: 2517)--;
line 82, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2518)--;
line 83, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2519)--;
line 84, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2520)--;
line 85, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2521)--;
line 86, after the sequence ending in "VSKK" insert --(SEQ ID NO: 2522)--;
line 87, after the sequence ending in "YGTG" insert --(SEQ ID NO: 2523)--;
line 88, after the sequence ending in "QCSG" insert --(SEQ ID NO: 2524)--;
line 89, after the sequence ending in "ECPS" insert --(SEQ ID NO: 2525)--;
line 90, after the sequence ending in "D117" insert --(SEQ ID NO: 2526)--;
line 91, after the sequence ending in "D117)₂" insert --(SEQ ID NO: 2527)--;
line 92, after the sequence ending in "(S212)" insert --(SEQ ID NO: 2528)--;
line 93, after the sequence ending in "(S212)" insert --(SEQ ID NO: 2529)--;
line 94, after the sequence ending in "-14" insert --(SEQ ID NO: 2530)--;
line 95, after the sequence ending in "-14" insert --(SEQ ID NO: 2531)--;
line 96, after the sequence ending in "(S210)" insert --(SEQ ID NO: 2532)--;
line 97, after the sequence ending in "AELG" insert --(SEQ ID NO: 2533)--;
line 98, after the sequence ending in "AELG" insert --(SEQ ID NO: 2534)--;
line 99, after the sequence ending in "AELG" insert --(SEQ ID NO: 2535)--;
line 100, after the sequence ending in "AELG" insert --(SEQ ID NO: 2536)--;
line 101, after the sequence ending in "AELG" insert --(SEQ ID NO: 2537)--;
line 102, after the sequence ending in "AELG" insert --(SEQ ID NO: 2538)--;
line 103, after the sequence ending in "AELG" insert --(SEQ ID NO: 2539)--;
line 104, after the sequence ending in "AELG" insert --(SEQ ID NO: 2540)--;
line 105, after the sequence ending in "AELG" insert --(SEQ ID NO: 2541)--;
line 106, after the sequence ending in "AELG" insert --(SEQ ID NO: 2542)--;
line 107, after the sequence ending in "Lig" insert --(SEQ ID NO: 2543)--;
line 108, after the sequence ending in "AELG" insert --(SEQ ID NO: 2544)--;
line 109, after the sequence ending in "(S131)" insert --(SEQ ID NO: 2545)--;

line 110, after the sequence ending in "(S209)" insert --(SEQ ID NO: 2546)--;

line 111, after the sequence ending in "VAEL" insert --(SEQ ID NO: 2547)--;

line 112, after the sequence ending in "FVAE" insert --(SEQ ID NO: 2548)--;

line 113, after the sequence ending in "WFVA" insert --(SEQ ID NO: 2549)--;

line 114, after the sequence ending in "DWFV" insert --(SEQ ID NO: 2550)--;

line 115, after the sequence ending in "Lig₂" insert --(SEQ ID NO: 2551)--;

line 116, after the sequence ending in "-14" insert --(SEQ ID NO: 2552)--;

line 117, after the sequence ending in "AELG)" insert --(SEQ ID NO: 2553)--;

line 118, after the sequence ending in "-14" insert --(SEQ ID NO: 2554)--;

line 119, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2555)--;

line 120, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2172)--;

line 121, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2173)--;

line 122, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2174)--;

line 123, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2556)--;

line 124, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2557)--;

line 125, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2558)--;

line 126, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2559)--;

line 127, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2171)--;

line 128, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2560)--;

line 129, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2561)--;

line 130, after the sequence ending in "NCG)₂" insert --(SEQ ID NO: 2562)--;

line 131, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2563)--;

line 132, after the sequence ending in "(S209)" insert --(SEQ ID NO: 2564)--;

line 133, after the sequence ending in "(S210)" insert --(SEQ ID NO: 2565)--;

line 134, after the sequence ending in "(S210)" insert --(SEQ ID NO: 2566)--;

line 135, after the sequence ending in "204" insert --(SEQ ID NO: 2567)--;

line 136, after the sequence ending in "S204" insert --(SEQ ID NO: 2568)--;

line 137, after the sequence ending in "NH₂" insert --(SEQ ID NO: 246)--;

line 138, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2569)--;

line 139, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2570)--;

line 140, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2571)--;

line 141, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2572)--;

line 142, after the sequence ending in "NH₂" insert --(SEQ ID NO: 2573)--;

line 143, after the sequence ending in “NH₂” insert --(SEQ ID NO: 2574)--;
 line 144, after the sequence ending in “NH₂” insert --(SEQ ID NO: 2575)--;
 line 145, after the sequence ending in “NH₂” insert --(SEQ ID NO: 2576)--;
 line 146, after the sequence ending in “NH₂” insert --(SEQ ID NO: 2577)--;
 line 147, after the sequence ending in “NH₂” insert --(SEQ ID NO: 2578)--;
 line 148, after the sequence ending in “NH₂” insert --(SEQ ID NO: 2579)--;
 line 149, after the sequence ending in “-7” insert --(SEQ ID NO: 2580)--;
 line 150, after the sequence ending in “-9” insert --(SEQ ID NO: 2581)--;
 line 151, after the sequence ending in “-12” insert --(SEQ ID NO: 2582)--;
 line 152, after the sequence ending in “-13” insert --(SEQ ID NO: 2583)--;
 line 153, after the sequence ending in “Lig” insert --(SEQ ID NO: 2584)--;
 line 154, after the sequence ending in “VAEL” insert --(SEQ ID NO: 2585)--;
 line 155, after the sequence ending in “-9” insert --(SEQ ID NO: 2586)--;
 line 156, after the sequence ending in “-9” insert --(SEQ ID NO: 2587)--;
 line 157, after the sequence ending in “KKKK” insert --(SEQ ID NO: 2588)--;
 line 158, after the sequence ending in “Lig” insert --(SEQ ID NO: 2589)--;
 line 159, after the sequence ending in “-14” insert --(SEQ ID NO: 2590)--;
 line 160, after the sequence ending in “-14” insert --(SEQ ID NO: 2591)--;
 line 161, after the sequence ending in “E-L-L-S” insert --(SEQ ID NO: 2592)--;
 line 162, after the sequence ending in “-Aib” insert --(SEQ ID NO: 2593)--;
 line 163, after the sequence ending in “-Aib” insert --(SEQ ID NO: 2594)--;
 line 164, after the sequence ending in “-Aib” insert --(SEQ ID NO: 2595)--;
 line 165, after the sequence ending in “NH₂” insert --(SEQ ID NO: 2596)--.

Claim 55, line 2, after “from” insert --(SEQ ID NOS 2416, 2417 & 2419, respectively, in order of appearance)--.

Claim 56, line 2, after “comprises” insert --(SEQ ID NO: 2416)--.

Claim 57, line 2, after “comprises” insert --(SEQ ID NO: 2419)--.

Claim 63, line 2, after “comprises” insert --(SEQ ID NOS 2379 & 2637, respectively)--.

Claim 74, line 2, after “from” insert --(SEQ ID NOS 2416, 2417& 2419, respectively, in order of appearance)--.

Claim 75, line 2, after “comprises” insert --(SEQ ID NO: 2416)--.

Claim 76, line 2, after “comprises” insert --(SEQ ID NO: 2416)--.

Claim 77, line 2, after “is” insert --(SEQ ID NO: 2419)--.

Claim 81, line 2, after “comprises” insert --(SEQ ID NO: 2379)--;
line 2, after “or” insert --(SEQ ID NO: 2117)--.

Claim 82, line 2, after “comprises” insert --(SEQ ID NO: 2379)--.

Claim 84, line 2, after “of” insert --(SEQ ID NOS 1964, 2638, 2039, 2471, 2460, 2640, 2641 & 2469, respectively, in order of appearance)--.

Claim 85, line 2, after “sequence” insert --(SEQ ID NO: 2420)--.

Claim 121, line 1, after “sequence is” insert --(SEQ ID NO: 1509)--.

Claim 127, line 2, after “sequence is” insert --(SEQ ID NO: 1509)--.

Claim 131, line 1, after “sequence is” insert --(SEQ ID NO: 2422)--.

Claim 132, line 2, after “comprises” insert --(SEQ ID NO: 1732)--;
line 2, after “or” insert --(SEQ ID NO: 2642)--.

Claim 137, line 2, after “comprises” insert --(SEQ ID NO: 2422)--.

Claim 138, line 2, after “comprises” insert --(SEQ ID NO: 1732)--;
line 2, after “or” insert --(SEQ ID NO: 2642)--.

Claim 146, line 1, after “comprises” insert --(SEQ ID NO: 1735)--.

Claim 154, line 2, after “comprises” insert --(SEQ ID NO: 1735)--.

Claim 164, line 1, after “sequence is” insert --(SEQ ID NO: 2424)--.

Claim 165, line 2, after “of” insert --(SEQ ID NOS 1869, 2643, 2644, 2645, 2645, 2646 & 2647, respectively, in order of appearance)--.

Claim 173, line 2, after “is” insert --(SEQ ID NO: 2424)--.

Claim 174, line 2, after “of” insert --(SEQ ID NOS 1869, 2643, 2644, 2645, 2645, 2646, 2647, respectively)--.

Claim 178, line 2, after “comprises” insert --(SEQ ID NO: 2425)--.

Claim 186, line 1, after “comprises” insert --(SEQ ID NO: 1874)--.

Claim 190, line 2, after “comprises” insert --(SEQ ID NO: 2425)--.

Claim 198, line 1, after “comprising” insert --(SEQ ID NO: 1874)--.

Claim 199, line 3, after “comprising” insert --(SEQ ID NO: 2152)--.

Claim 201, line 1, after “comprising” insert --(SEQ ID NO: 2152)--.

Claim 208, line 2, after “comprises” insert --(SEQ ID NO: 2415)--.

Claim 210, line 2, after “comprises” insert --(SEQ ID NO: 2416)--.

Claim 212, line 2, after “comprises” insert --(SEQ ID NO: 2648)--.

Claim 219, line 2, after “of” insert --(SEQ ID NOS 2649, 2619, 2620, 2621, 2627, 2628, 2629, 2630 & 2631, respectively, in order of appearance)--.

Claim 221, line 3, after “of” insert --(SEQ ID NOS 2411, 2412, 2635, 2115, 2111, 2163 & 1870, respectively, in order of appearance)--.

Claim 222, line 3, after “of” insert --(SEQ ID NOS 2116 & 2117, respectively)--.

Claim 223, line 3, after “of” insert --(SEQ ID NOS 1964, 2638, 2639, 2471, 2460, 2640, 2641 & 2650, respectively, in order of appearance)--.

Claim 225, line 2, after “sequence” insert --(SEQ ID NO: 2411)--.

Claim 226, line 2, after “sequence” insert --(SEQ ID NO: 2112)--.

Claim 227, line 2, after “sequence” insert --(SEQ ID NO: 2651)--.

Claim 228, line 2, after “sequence” insert --(SEQ ID NO: 2452)--.

Claim 231, line 2, after “sequence” insert --(SEQ ID NO: 2435)--.

Claim 232, line 2, after “sequence” insert --(SEQ ID NO: 2653)--.

Claim 234, line 2, after “sequence” insert --(SEQ ID NO: 2411)--.

Claim 235, line 2, after “sequence” insert --(SEQ ID NO: 2651)--.

Claim 252, line 1, after “sequence” insert --(SEQ ID NO: 2414)--.